

**IN THE CLAIMS**

This listing of claims replaces all prior versions and listings of claims in this application.

1. (currently amended) An information recording apparatus for executing a data recordation process, the information recording apparatus ~~characterized by comprising:~~

a plurality of information recording means for recording data; and

a recordation control process executing section for executing a data recordation process to the information recording means and a ~~generation process of~~ generating control information during data reproduction,

~~the recordation control process executing section having a configuration for~~

~~generating,~~ as the control information, including reproduction procedure information enin which a ~~reproducing~~ procedure ~~effor~~ reproducing data is stored and reproduction management information enin which link information to the reproduction procedure information is stored, ~~during the data recordation process,~~ and wherein

in the case of continuously executing a data recordation process to a plurality of information recording means, a plurality of pieces of reproduction procedure information are generated corresponding respectively to the plurality of information recording means, ~~to execute a process of storing and~~ link information to the plurality of pieces of reproduction procedure information is stored to one piece of the reproduction management information.

2. (currently amended) An information recordation ~~process~~ apparatus according to claim 1, wherein the recordation control process executing section ~~has a configuration for~~ is adapted to

~~executing~~, in the case of continuously executing a data recordation process to a plurality of information recording means, ~~a process of storing~~store the link information to the plurality of pieces of reproduction procedure information to one piece of the reproduction management information, and

~~executing a process of storing~~store continue information, representative of whether ~~or not~~ recording a same content continuously to a next piece of reproduction procedure information, ~~in a corresponding data to~~storage domains corresponding to individual pieces of reproduction procedure information, ~~continuously to a next piece of reproduction procedure information.~~

3. (currently amended) An information recordation ~~process~~apparatus according to claim 1, wherein the recordation control process executing section ~~has a configuration for~~is adapted to

~~executing~~, in the case of continuously executing a data recordation process to a plurality of information recording means, ~~a process of storing~~store the link information to the plurality of pieces of reproduction procedure information to one piece of the reproduction management information, and

~~executing a process of storing~~store end information, representative of whether ~~or not~~ ~~corresponding to a piece of reproduction procedure information~~is a final piece of reproduction procedure information, in a ~~corresponding data~~storage domain corresponding to an individual piece of reproduction procedure information.

4. (currently amended) An information recordation ~~process~~apparatus according to claim 1, wherein the recordation control process executing section ~~has a configuration for~~is adapted to

~~executing a process of storing~~store, in each piece of the reproduction procedure information, management information on

data continuously recorded on one recording medium, and ~~storing~~ information enabling ~~to determine~~ a storage position of the data to be determined.

5. (currently amended) An information recordation ~~process~~apparatus according to claim 1, wherein the recordation control process executing section ~~has a configuration for~~is adapted to

~~executing a comparison process of~~ compare an available capacity for recording data between the plurality of information recording means, and ~~selecting~~ information recording means having a greater available capacity ~~thereby commencing a~~for data recordation ~~process~~.

6. (currently amended) An information recordation ~~process~~apparatus according to claim 1, wherein the recordation control process executing section ~~has a configuration for~~is adapted to

~~executing a comparison process of~~ compare a remaining capacity of the information recording means under data recording with a preset threshold, and ~~executing~~execute continuously a data recordation process to another information recording means on condition that the remaining ~~amount~~capacity becomes less than the threshold.

7. (currently amended) An information recordation ~~process~~apparatus according to claim 1, wherein the recordation control process executing section ~~has a configuration for~~is adapted to

~~executing a process of~~ generating generate first reproduction procedure information when commencing a data recordation process to the information recording means, and ~~storing~~store link information to the first reproduction procedure information to the reproduction management information, and

~~generating~~generate new second reproduction procedure information in the case of executing continuing data recording to different information recording means, ~~storing~~store link information to the second reproduction procedure information to the reproduction management information, and ~~executing a setting process of~~set continue information representative of having next reproduction procedure information ~~in corresponding data storage domain~~ to the first reproduction procedure information.

8. (currently amended) An information reproduction apparatus for executing a data reproducing process, the information reproduction apparatus ~~characterized by~~ comprising:

a plurality of information recording means for subject-of-reproducing data; and

a reproduction control process executing section for executing a reproducing process of data stored on the information recording means, depending upon control information;

~~the reproduction control process executing section having a configuration for~~

~~acquiring, as the control information,~~ including reproduction procedure information ~~en~~in which a ~~reproducing~~ procedure ~~eff~~or reproducing data is recorded and reproduction management information ~~en~~in which link information to the reproduction procedure information is stored, ~~during data recordation process, and wherein~~

in a case that there are a plurality of pieces of reproduction procedure information ~~set~~ linked to the reproduction management information, the plurality of pieces of reproduction procedure information are switched in order and applied as control information, and reproduction-of-subject data is acquired from different information recording means based on an individual piece of reproduction procedure information ~~from different information recording means thereby effecting a reproduction process.~~

9. (currently amended) An information reproduction apparatus according to claim 8, wherein

the reproduction management information stores, in a ~~corresponding~~ data storage domain corresponding to each piece of reproduction procedure information, continue information representative of whether ~~or not~~ recording a same content continuously to next pieces of reproduction procedure information, and

the reproduction control process executing section ~~has a configuration for~~ is adapted to

~~executing a process of determining~~ determine whether ~~or not~~ to continuously execute reproduction control depending ~~on~~ another piece of reproduction procedure information, depending upon a ~~setting of the~~ continue information in the reproduction management information ~~set for~~ the piece of reproduction procedure information corresponding to the data under reproduction.

10. (currently amended) An information reproduction apparatus according to claim 8, wherein the reproduction control process executing section ~~has a configuration for~~ is adapted to

~~acquiring~~ acquire, from the reproduction procedure information, management information on data continuously recorded on one recording medium and information enabling ~~to~~ determine a storage position of the data to be determined ~~thereby effecting a data reproduction control process.~~

11. (currently amended) An information recording method for an information recording apparatus having a plurality of information recording means for recording data, the information recording method ~~characterized by comprising:~~

~~a control information generating step of generating~~ reproduction procedure information ~~en~~ in which a reproducing procedure is recorded as reproduction control information corresponding to recording data, and reproduction management

information ~~en~~in which link information to the reproduction procedure information is stored, ~~during the data recordation process, and wherein~~

~~the control information generating step is to execute a process that~~

in the case of continuously executing a data recordation process to a plurality of information recording means, the generating step generates a plurality of pieces of reproduction procedure information ~~are generated~~ corresponding respectively to the plurality of information recording means, ~~to store and~~ link information to the plurality of pieces of reproduction procedure information is stored to one piece of the reproduction management information.

12. (currently amended) An information recording method according to claim 11, wherein, in the case of continuously executing a data recordation process to a plurality of information recording means, ~~a process is executed of storing~~ the link information to the plurality of pieces of reproduction procedure information is stored to one piece of the reproduction management information, and

~~a process is executed of storing~~ continue information, representative of whether ~~or not~~ recording a same content in a ~~corresponding data storage domain to individual pieces of reproduction procedure information,~~ continuously to a next piece of reproduction procedure information, is stored to data storage domains corresponding to individual pieces of reproduction procedure information.

13. (currently amended) An information recording method according to claim 11, wherein, in the case of continuously executing a data recordation process to a plurality of information recording means, ~~a process is executed of storing~~ the link information to the plurality of pieces of reproduction

procedure information is stored to one piece of the reproduction management information, and

~~a process is executed of storing~~ end information, representative of whether ~~or not corresponding to a piece of the reproduction procedure information is a final piece of reproduction procedure information, is stored~~ in a ~~corresponding~~ data storage domain corresponding to an individual piece of reproduction procedure information.

14. (currently amended) An information recording method according to claim 11, further including ~~a step of storing~~, in each piece of the reproduction procedure information, management information on data continuously recorded on one recording medium, and storing information enabling ~~to determine a storage position of the data to be determined~~.

15. (currently amended) An information recording method according to claim 11, further including ~~a step of executing a comparison process of~~comparing an available capacity for recording data between the plurality of information recording means, and selecting information recording means having a greater available capacity ~~thereby commencing a~~ for data recordation ~~process~~.

16. (currently amended) An information recording method according to claim 11, further including ~~a step of executing a comparison process of~~comparing a remaining capacity of the information recording means under data recording with a preset threshold, and executing continuously a data recordation process to another information recording means ~~on condition that when~~ the remaining ~~amount~~capacity becomes less than the threshold.

17. (currently amended) An information recording method according to claim 11, further including ~~a step of executing a process of~~ generating first reproduction procedure information when commencing a data recordation process to the information recording means, and storing link information to the first

reproduction procedure information to the reproduction management information, and

generating new second reproduction procedure information in the case of executing continuing data recording to different information recording means, storing link information to the second reproduction procedure information to the reproduction management information, and ~~executing a setting process of~~ continue information representative of having a next piece of reproduction procedure information in a corresponding data storage domain corresponding to the first reproduction procedure information.

18. (currently amended) An information reproducing method for an information reproducing apparatus having a plurality of information recording means for recording subject-of-reproducing data, the information reproducing method ~~characterized by~~ comprising:

~~a control information acquiring step of acquiring, as the control information, reproduction procedure information on in which a reproducing procedure for reproducing data is recorded and reproduction management information on in which link information to the reproduction procedure information is stored, during the data recordation process; and~~

~~a reproduction control process step that, reproducing the data, wherein, in a case that there are a plurality of pieces of reproduction procedure information set linked to the reproduction management information, the plurality of pieces of reproduction procedure information are switched in order and applied as the control information, and reproduction-of-subject data is acquired from different information recording means based on an individual piece of reproduction procedure information from different information recording means thereby effecting a reproduction process.~~



19. (currently amended) An information reproducing method according to claim 18, wherein

the reproduction management information stores, in a ~~corresponding~~ data storage domains corresponding to each piece of reproduction procedure information, continue information representative of whether ~~or not~~ recording a same content continuously to next pieces of reproduction procedure information, and

~~the reproduction control process~~ reproducing step includes ~~a step of executing a process of determining whether or not~~ to continuously execute reproduction control depending ~~on~~ another piece of reproduction procedure information, depending upon ~~a setting of~~ the continue information in the reproduction management information ~~set for the piece of~~ reproduction procedure information corresponding to the data under reproduction.

20. (currently amended) An information reproducing method according to claim 18, wherein the ~~reproduction control process~~ reproducing step includes

~~a step of~~ acquiring, from the reproduction procedure information, management information on data continuously recorded on one recording medium and information enabling ~~to~~ determine a storage position of the data to be determined ~~thereby effecting a data reproduction control process.~~

21. (currently amended) A recording medium recorded with a computer program for executing an information recordation process in an information recording apparatus having a plurality of information recording means for recording data, the ~~computer program characterized by~~ information recordation process comprising:

~~a control information generating step of~~ generating reproduction procedure information ~~in~~ in which a reproducing procedure is recorded as reproduction control information

corresponding to recording data, and reproduction management information ~~en~~in which link information to the reproduction procedure information is stored, ~~during the data recordation process, and~~wherein

~~the control information generating step is set such that~~

in the case of continuously executing a data recordation process to a plurality of information recording means, the generating step generates a plurality of pieces of reproduction procedure information ~~are generated~~ corresponding respectively to the plurality of information recording means, ~~to store and~~ link information to the plurality of reproduction procedure information is stored to one piece of the reproduction management information.

22. (currently amended) A recording medium recorded with a computer program for executing an information ~~recordation~~reproduction process in an information ~~recording~~reproduction apparatus having a plurality of information recording means for recording subject-of-reproducing data, the information reproduction process ~~computer program~~ ~~characterized by~~ comprising:

~~a control information acquiring step of acquiring, as the control information, reproduction procedure information~~ ~~en~~in which a ~~reproducing procedure~~ ~~eff~~or reproducing data is recorded and reproduction management information ~~en~~in which link information to the reproduction procedure information is stored, ~~during the data recordation process; and~~

~~a reproduction control process step that,~~ reproducing the data, wherein, in a case that there are a plurality of pieces of reproduction procedure information set—linked to the reproduction management information, the plurality of pieces of reproduction procedure information are switched in order and applied as the control information, and reproduction-of-subject data is acquired from a different information recording means

based on an individual piece of reproduction procedure  
| ~~information from different information recording means thereby~~  
~~effecting a reproduction process.~~